

**SYSTEM AND METHOD FOR SATELLITE-BASED TRANSMISSION OF VOICE
SIGNALS USING AN OTHERWISE DEDICATED WIRELESS CHANNEL**

ABSTRACT OF THE DISCLOSURE

5 In a wireless communication system (20) configured for default communication of subsectional signals of a first transmit signal (72/73) over multiple wireless channels (46), a signal selector (82) and method (138) detect an intent to convey a voice signal (86) over one of the wireless channels 10 (46) from a handset (58). The signal selector (82) and method (138) prevent communication of one of the subsectional signals (72A) over the wireless channel (46) for a predetermined interval, and enable a transmission attempt of the voice signal (86). When a complete dialed digits sequence is detected 15 within the time interval, the handset (58) is enabled to utilize the wireless channel. However, when a transmission attempt of the voice signal (86) is unsuccessful or when transmission of the voice signal (86) terminates, the signal selector (82) and method (138) restore default communication of 20 subsectional signals of the first transmit signal (72/73).